

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122451.D
 Acq On : 23 Nov 2020 17:18
 Operator : JU/CG
 Sample : L4836-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	15	rVB	452424	564229	15.88%	0.829%
2	3.934	303	314	326	rBV	974775	1350866	38.02%	1.985%
3	5.069	502	507	514	rVB	1470542	1703488	47.95%	2.503%
4	5.451	568	572	573	rBV	229890	196646	5.54%	0.289%
5	5.481	573	577	580	rVB	3122626	2883531	81.16%	4.236%
6	5.710	612	616	624	rVB2	105963	123048	3.46%	0.181%
7	5.875	640	644	650	rBV	193792	193511	5.45%	0.284%
8	6.393	729	732	735	rBV2	120879	157778	4.44%	0.232%
9	6.463	741	744	745	rVV2	114901	98685	2.78%	0.145%
10	6.493	745	749	755	rVV	3030568	2970975	83.63%	4.365%
11	6.698	779	784	793	rBV2	361984	586390	16.51%	0.861%
12	6.863	808	812	815	rBV	1357059	1098717	30.93%	1.614%
13	6.922	819	822	827	rBV2	100560	104019	2.93%	0.153%
14	7.181	862	866	869	rBV2	102676	112605	3.17%	0.165%
15	7.422	898	907	910	rBV	2094486	1913475	53.86%	2.811%
16	7.463	912	914	918	rVV	253096	206617	5.82%	0.304%
17	8.145	1026	1030	1033	rBV	1374703	1415020	39.83%	2.079%
18	8.863	1150	1152	1156	rVB	127393	99439	2.80%	0.146%
19	9.228	1209	1214	1217	rBV	3879978	3346377	94.19%	4.916%
20	9.492	1254	1259	1263	rBV	68432	99034	2.79%	0.145%
21	9.563	1268	1271	1274	rVV	157512	159217	4.48%	0.234%
22	9.622	1278	1281	1285	rVV	438378	453470	12.76%	0.666%
23	9.769	1302	1306	1310	rBV	320860	290470	8.18%	0.427%
24	9.904	1323	1329	1332	rBV	1653006	1579439	44.46%	2.320%
25	9.939	1332	1335	1338	rVB	204484	194388	5.47%	0.286%
26	10.110	1361	1364	1367	rVV	170487	162030	4.56%	0.238%
27	10.451	1419	1422	1429	rVB3	139350	193400	5.44%	0.284%
28	10.692	1459	1463	1468	rBV	2203881	2102433	59.18%	3.089%
29	10.816	1480	1484	1488	rBV4	121753	171362	4.82%	0.252%
30	11.004	1507	1516	1518	rBV5	91800	151891	4.28%	0.223%
31	11.028	1518	1520	1524	rVV2	87587	106512	3.00%	0.156%
32	11.157	1539	1542	1546	rVV2	112290	146262	4.12%	0.215%
33	11.198	1546	1549	1553	rVV2	170869	192440	5.42%	0.283%
34	11.245	1553	1557	1559	rVV2	88332	134243	3.78%	0.197%
35	11.292	1563	1565	1570	rVB	148987	154156	4.34%	0.226%
36	11.392	1578	1582	1584	rBV	1446684	1415165	39.83%	2.079%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122451.D
 Acq On : 23 Nov 2020 17:18
 Operator : JU/CG
 Sample : L4836-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.422	1584	1587	1590	rVV	2085870	1895825	53.36%	2.785%
38	11.469	1592	1595	1598	rVB	641162	508766	14.32%	0.747%
39	11.504	1598	1601	1604	rBV2	140848	144047	4.05%	0.212%
40	11.627	1616	1622	1624	rBV2	162583	207914	5.85%	0.305%
41	11.727	1636	1639	1644	rVB2	131061	138177	3.89%	0.203%
42	11.898	1664	1668	1670	rVV	449373	402822	11.34%	0.592%
43	11.927	1670	1673	1677	rVV	800933	806442	22.70%	1.185%
44	11.975	1677	1681	1683	rVV	194893	223361	6.29%	0.328%
45	12.010	1683	1687	1689	rVV2	586830	675951	19.03%	0.993%
46	12.033	1689	1691	1695	rVB	266847	217542	6.12%	0.320%
47	12.192	1715	1718	1720	rVV	317645	281615	7.93%	0.414%
48	12.216	1720	1722	1726	rVB2	191175	170097	4.79%	0.250%
49	12.345	1738	1744	1746	rBV	165342	188269	5.30%	0.277%
50	12.374	1746	1749	1751	rBV	169231	125403	3.53%	0.184%
51	12.398	1751	1753	1755	rVB	135189	98680	2.78%	0.145%
52	12.451	1758	1762	1765	rBV	359390	374394	10.54%	0.550%
53	12.486	1765	1768	1770	rVV2	179868	193942	5.46%	0.285%
54	12.533	1773	1776	1781	rBV	213868	210424	5.92%	0.309%
55	12.616	1785	1790	1793	rBV	3193409	3068648	86.38%	4.508%
56	12.704	1803	1805	1808	rBV	156198	152711	4.30%	0.224%
57	12.763	1813	1815	1822	rVB3	106783	164077	4.62%	0.241%
58	12.839	1822	1828	1834	rBV2	2752602	3203231	90.16%	4.706%
59	12.892	1834	1837	1842	rVB2	158231	231695	6.52%	0.340%
60	12.957	1845	1848	1849	rBV2	170265	134267	3.78%	0.197%
61	12.986	1849	1853	1860	rVB	3431005	3173358	89.32%	4.662%
62	13.057	1860	1865	1869	rBV2	291913	439260	12.36%	0.645%
63	13.145	1877	1880	1882	rVV4	186876	240398	6.77%	0.353%
64	13.169	1882	1884	1887	rVB	510291	418568	11.78%	0.615%
65	13.233	1891	1895	1898	rBV	345321	307463	8.65%	0.452%
66	13.274	1898	1902	1904	rBV2	362471	374513	10.54%	0.550%
67	13.333	1909	1912	1915	rBV3	65930	96880	2.73%	0.142%
68	13.363	1915	1917	1920	rVB	182798	158835	4.47%	0.233%
69	13.398	1920	1923	1927	rBV2	186213	198065	5.58%	0.291%
70	13.574	1950	1953	1955	rVV3	119587	144909	4.08%	0.213%
71	13.674	1967	1970	1975	rVB	307328	351001	9.88%	0.516%
72	13.792	1985	1990	1992	rBV3	327496	447148	12.59%	0.657%
73	13.816	1992	1994	1996	rVV	280931	257687	7.25%	0.379%
74	13.839	1996	1998	2002	rVV2	250367	329334	9.27%	0.484%
75	13.886	2003	2006	2013	rVB2	226930	407251	11.46%	0.598%
76	14.033	2024	2031	2035	rBV2	2271283	3552684	100.00%	5.219%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122451.D
 Acq On : 23 Nov 2020 17:18
 Operator : JU/CG
 Sample : L4836-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.068	2035	2037	2040	rVB	1668074	1280037	36.03%	1.881%
78	14.145	2048	2050	2052	rBV	184355	129069	3.63%	0.190%
79	14.186	2054	2057	2058	rBV	104262	99495	2.80%	0.146%
80	14.268	2067	2071	2074	rVB2	139582	204896	5.77%	0.301%
81	14.427	2094	2098	2101	rVV	477066	580208	16.33%	0.852%
82	14.463	2101	2104	2107	rVV	310248	265250	7.47%	0.390%
83	14.521	2111	2114	2117	rVV2	254641	280594	7.90%	0.412%
84	14.557	2117	2120	2121	rVV	231281	233301	6.57%	0.343%
85	14.574	2121	2123	2127	rVB3	210538	206315	5.81%	0.303%
86	14.739	2148	2151	2153	rBV3	93286	117327	3.30%	0.172%
87	14.821	2163	2165	2169	rBV2	106958	160757	4.52%	0.236%
88	15.092	2206	2211	2214	rBV	1729951	2632817	74.11%	3.868%
89	15.198	2226	2229	2233	rVB	397825	416356	11.72%	0.612%
90	15.398	2259	2263	2269	rVB	1124746	1543045	43.43%	2.267%
91	15.463	2269	2274	2280	rVV	1565056	1920146	54.05%	2.821%
92	15.527	2280	2285	2288	rVV	1082011	1471562	41.42%	2.162%
93	15.557	2288	2290	2297	rVB2	516153	655577	18.45%	0.963%
94	16.010	2364	2367	2371	rBV	81097	104268	2.93%	0.153%
95	16.092	2378	2381	2385	rVB3	108291	147564	4.15%	0.217%
96	17.004	2530	2536	2544	rVB2	855821	1735637	48.85%	2.550%
97	17.180	2561	2566	2571	rBV	185141	360108	10.14%	0.529%
98	17.239	2573	2576	2581	rVB2	119390	210382	5.92%	0.309%
99	17.451	2605	2612	2622	rVB	675329	1442534	40.60%	2.119%
100	17.680	2646	2651	2657	rBV	167176	322415	9.08%	0.474%

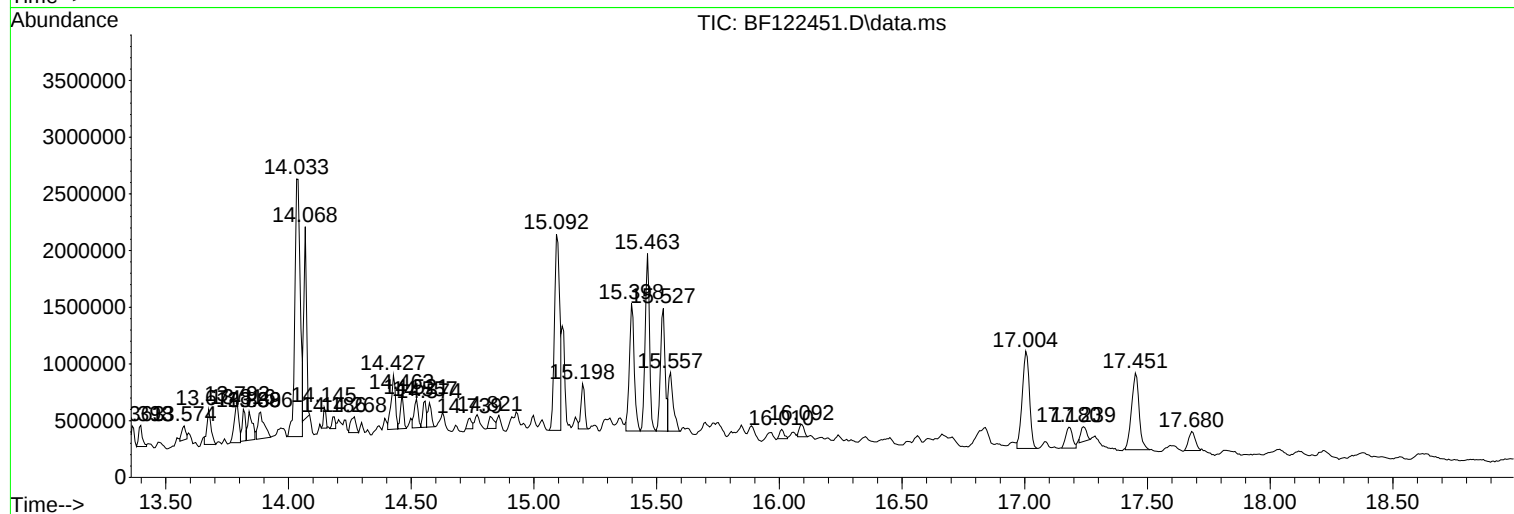
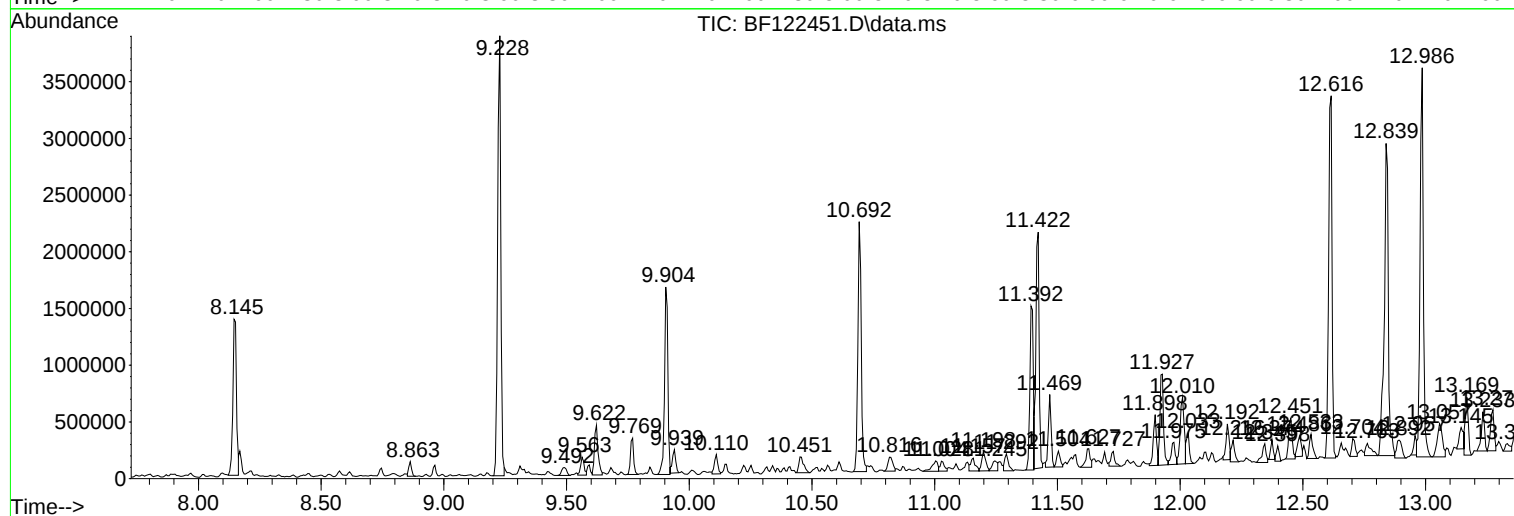
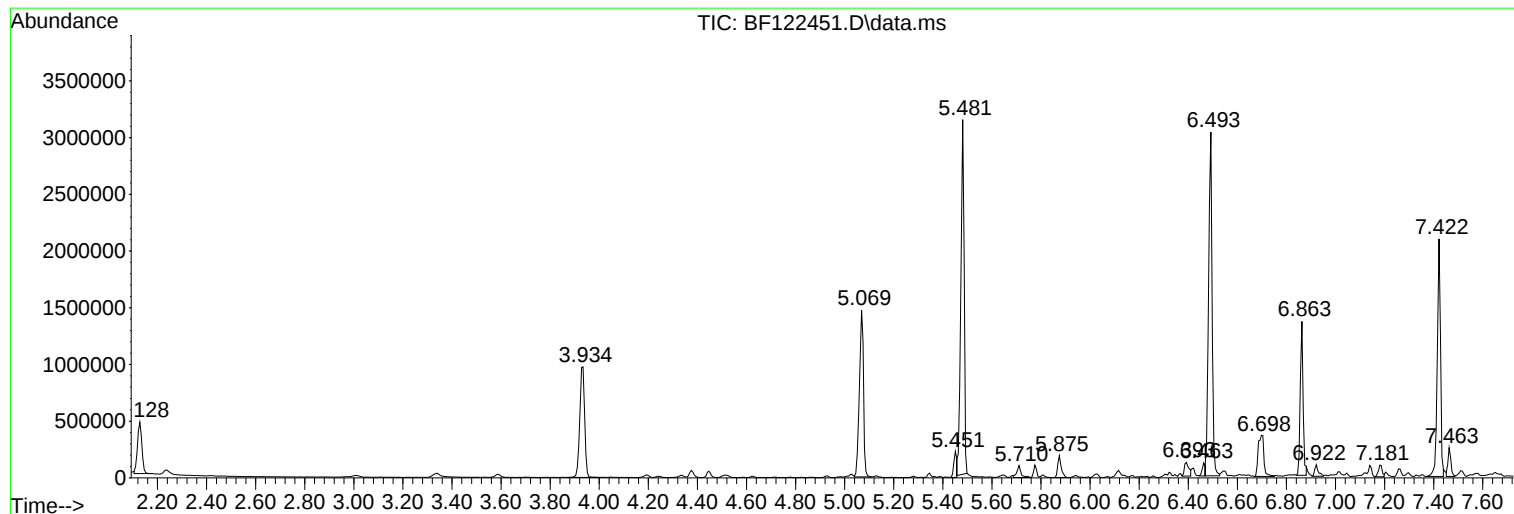
Sum of corrected areas: 68066642

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

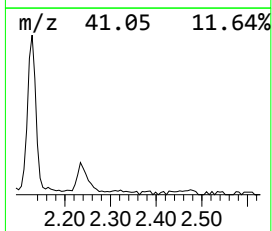
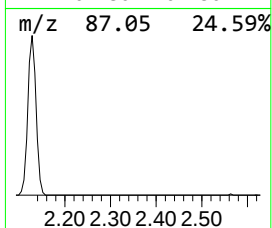
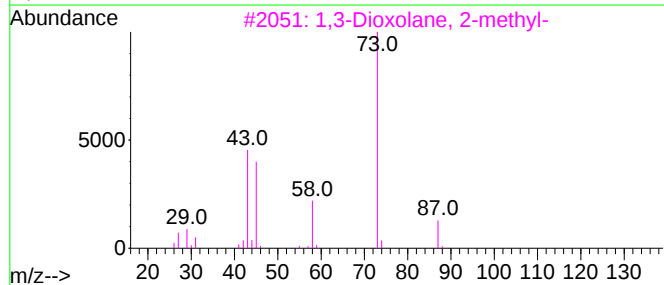
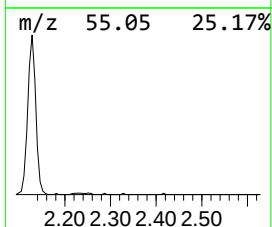
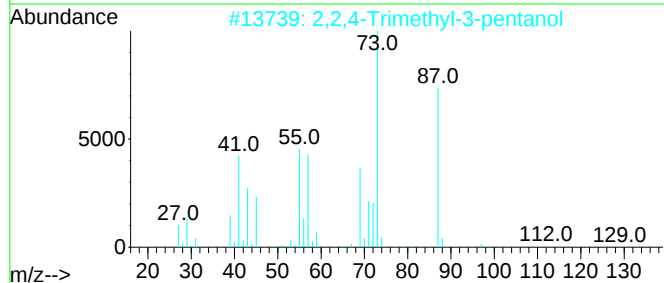
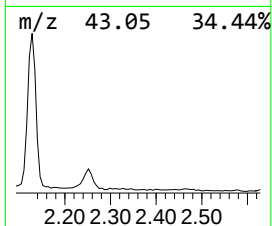
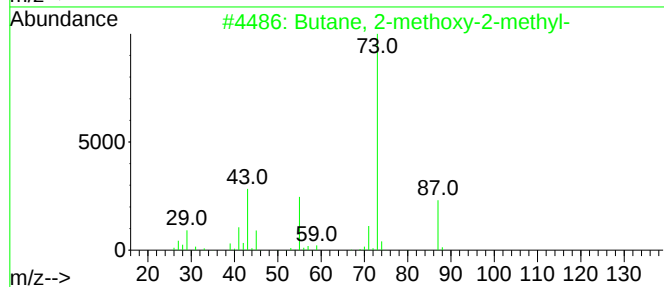
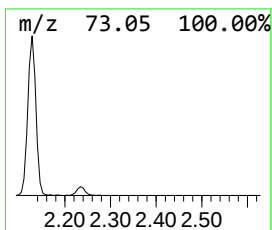
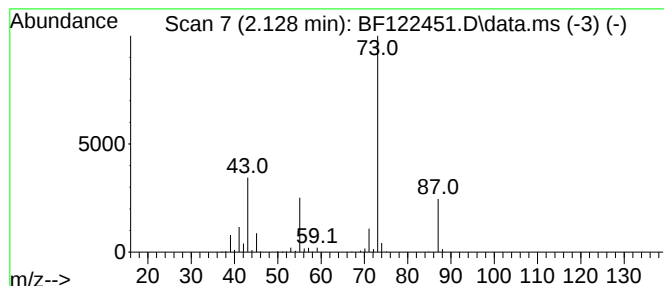
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	10.27 ng	564229	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

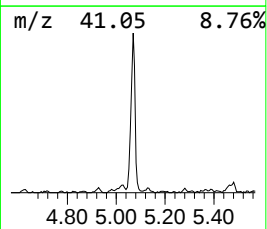
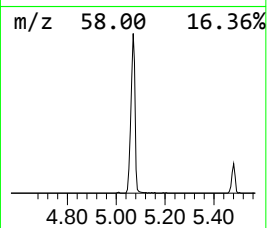
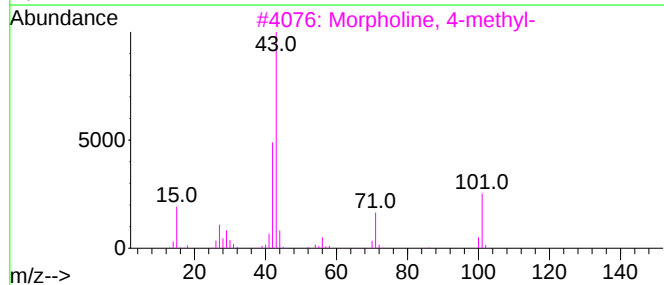
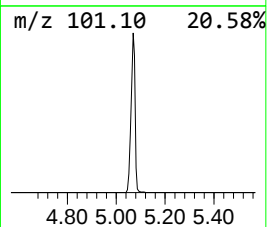
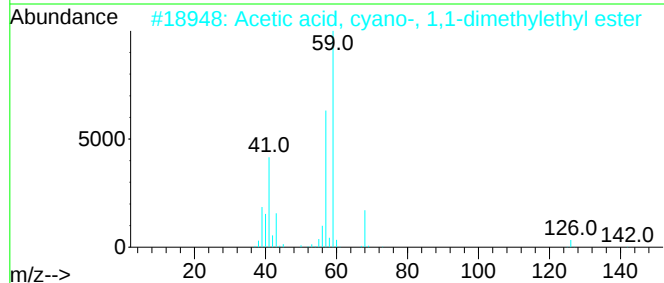
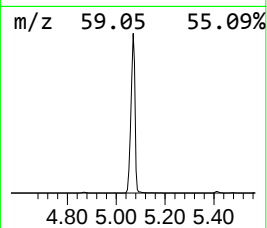
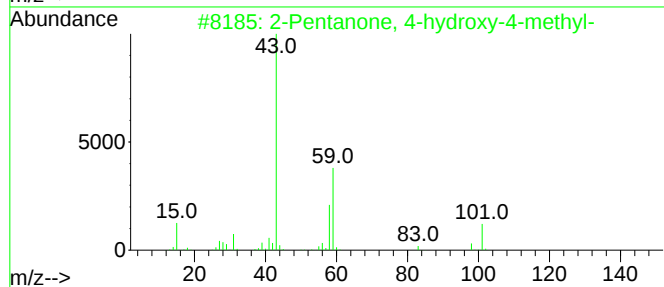
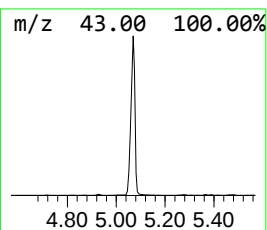
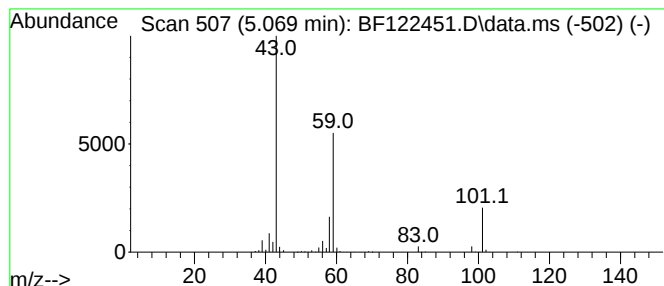
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.069	31.01 ng	1703490	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			Butane	58	C4H10	000106-97-8	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

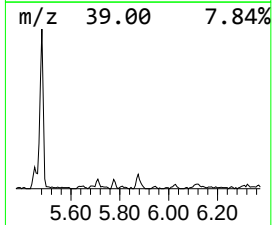
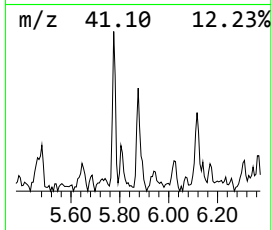
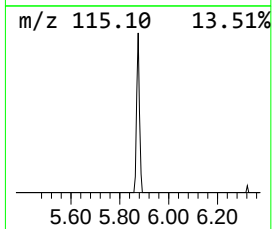
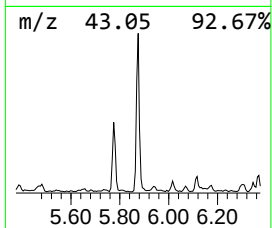
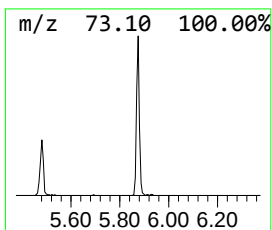
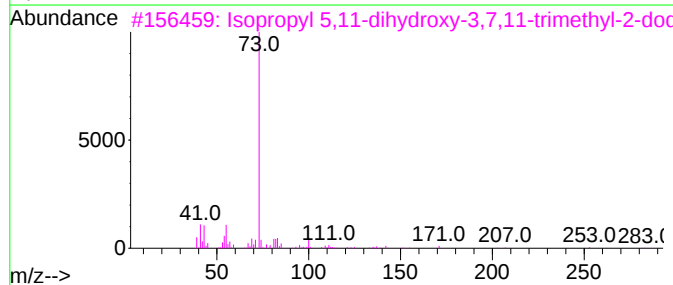
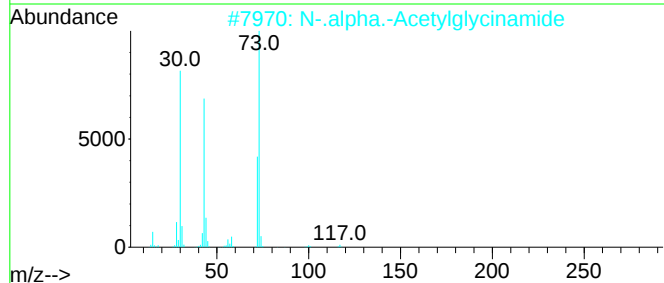
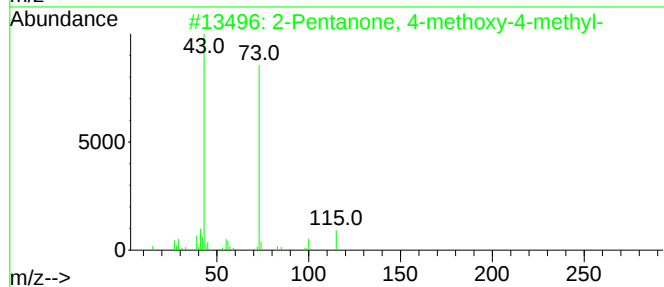
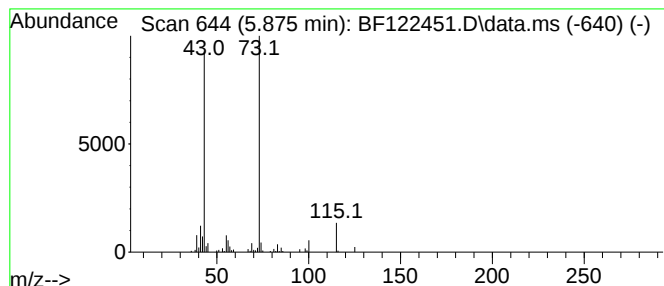
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	3.52 ng	193511	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	72
2			N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	35
3			Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	27
4			Sulfurous acid, hexyl 2-propyl e...	208	C9H20O3S	1000309-11-7	23
5			Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

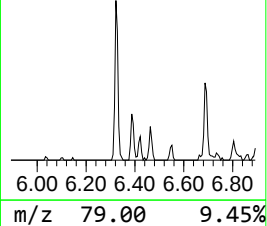
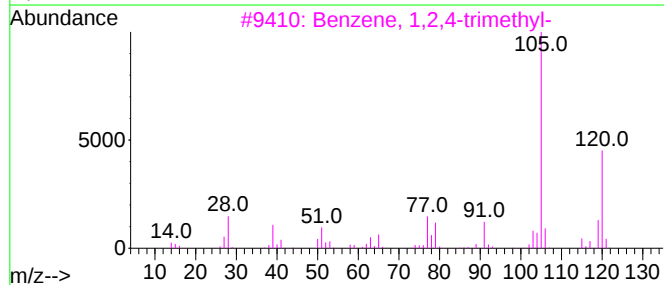
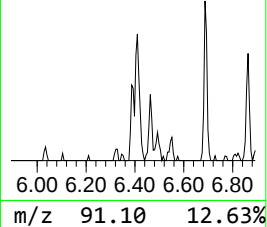
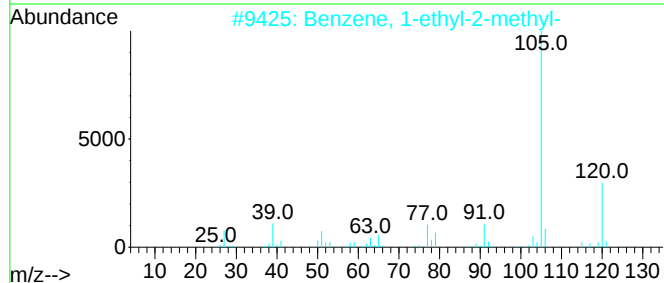
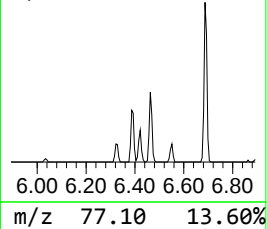
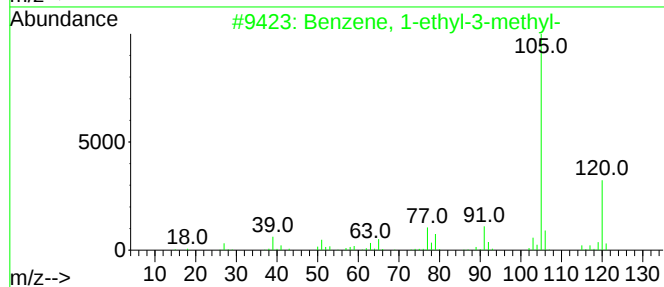
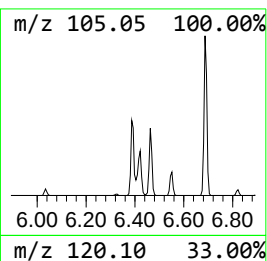
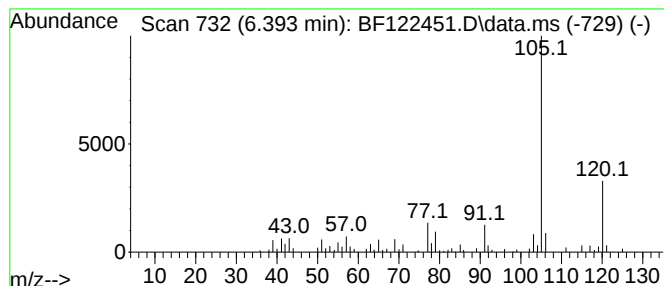
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.393	2.87 ng	157778	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

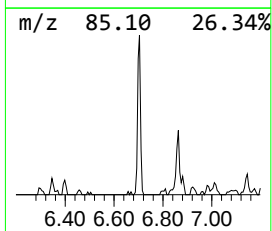
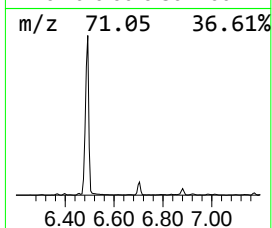
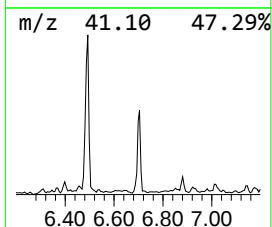
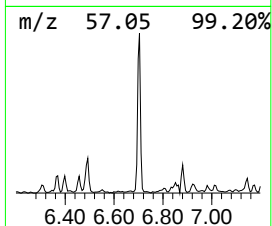
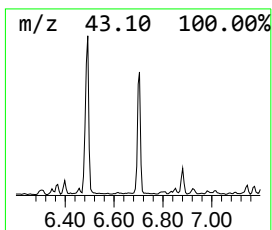
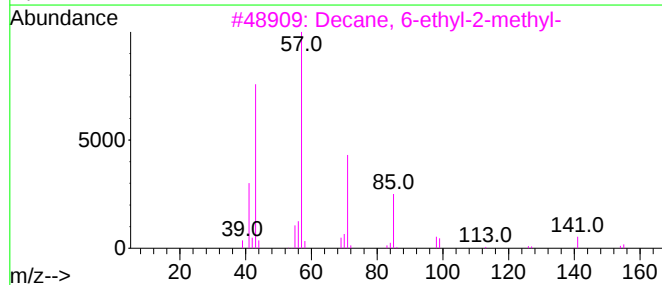
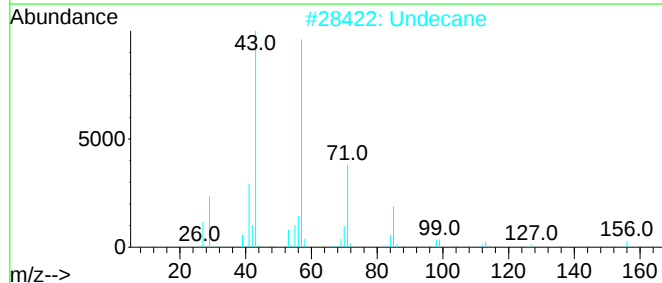
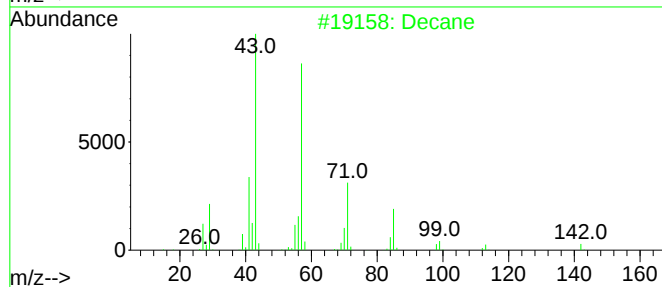
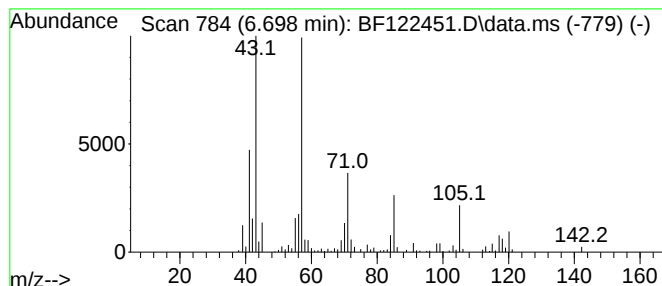
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	10.67 ng	586390	1,4-Dichlorobenzene-d4	6.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	55
2		Undecane	156	C11H24	001120-21-4	50
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
4		Tetradecane	198	C14H30	000629-59-4	47
5		Pentadecane	212	C15H32	000629-62-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

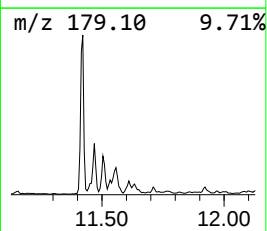
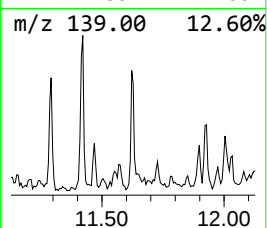
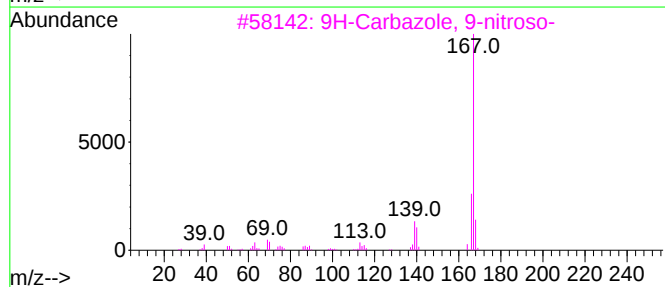
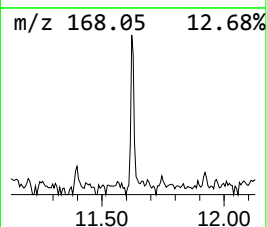
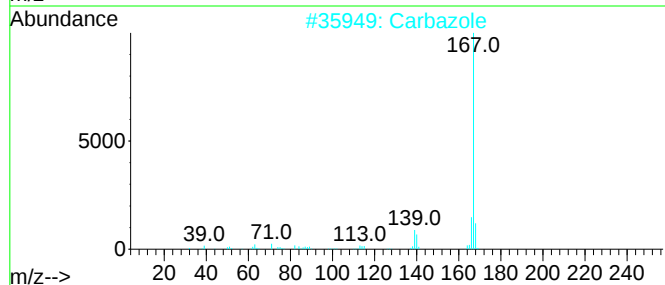
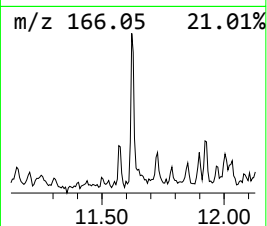
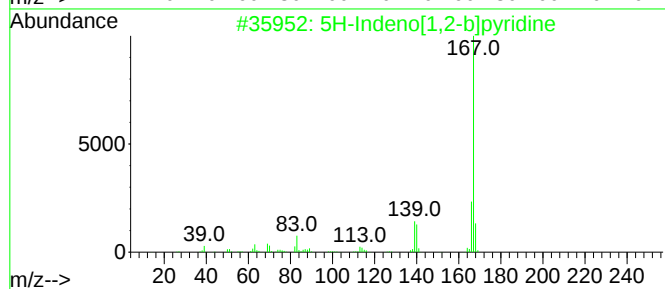
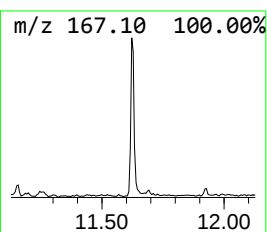
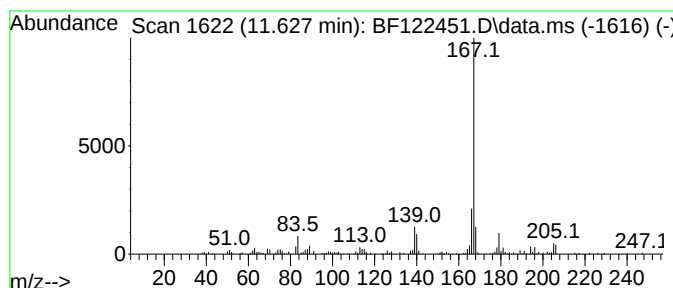
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	2.94 ng	207914	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
2			Carbazole	167	C12H9N	000086-74-8	81
3			9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72
4			1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	72
5			1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

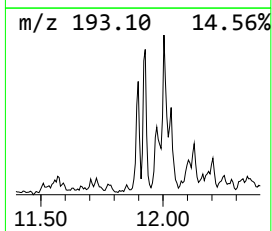
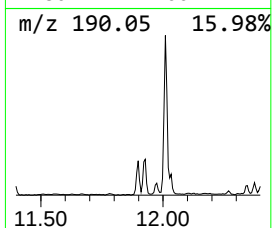
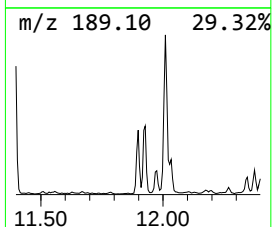
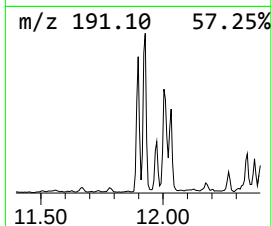
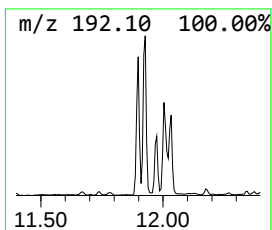
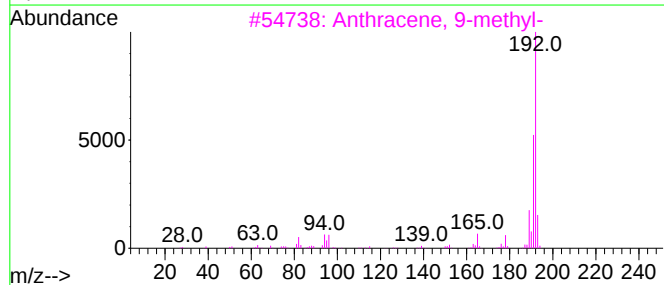
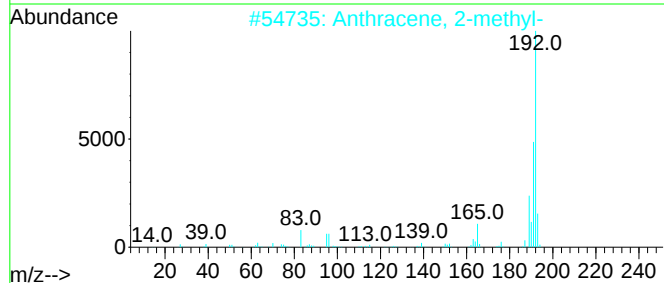
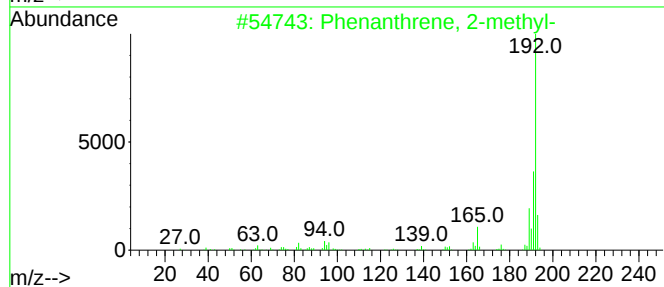
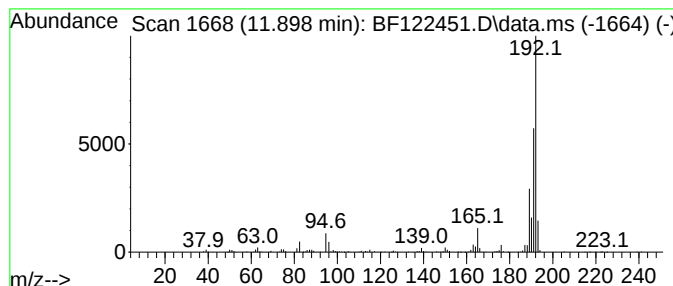
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.69 ng	402822	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

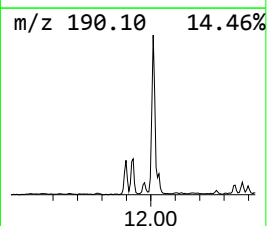
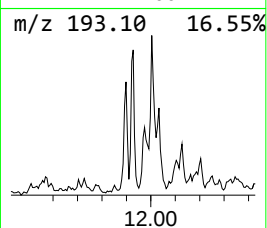
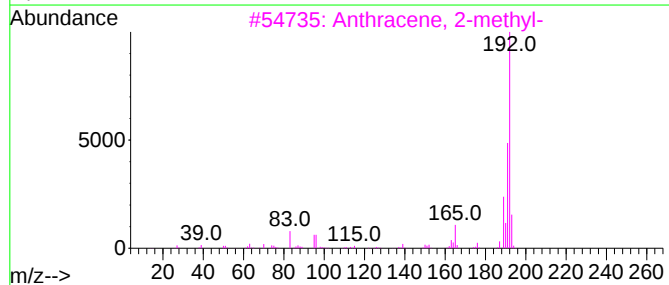
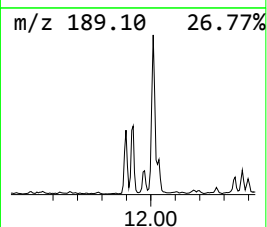
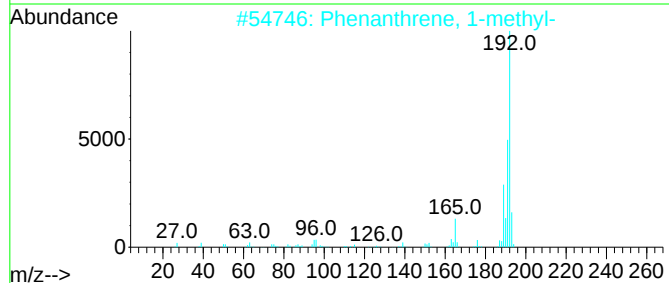
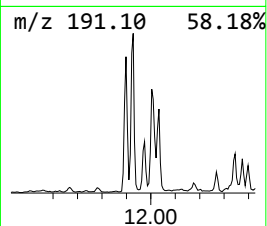
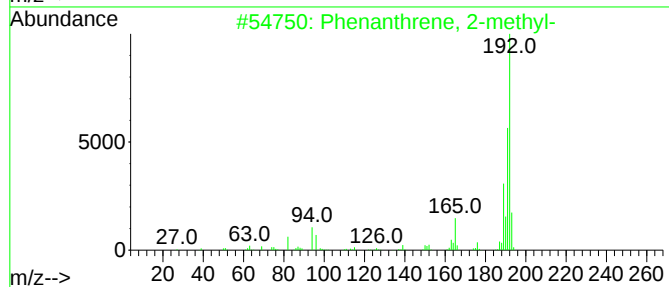
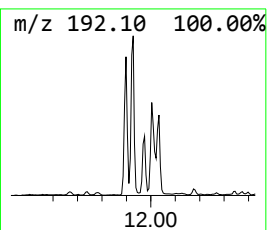
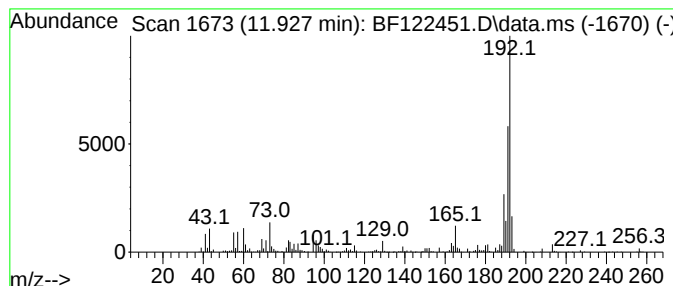
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	11.40 ng	806442	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

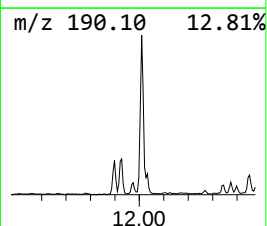
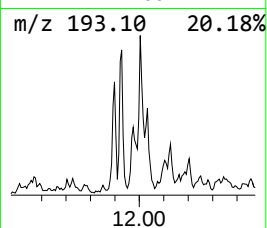
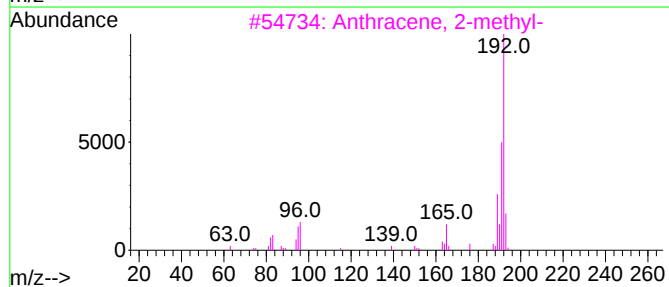
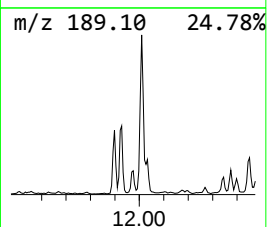
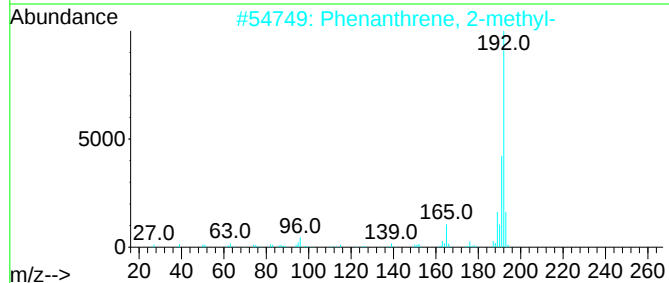
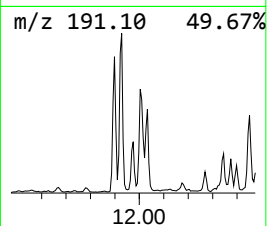
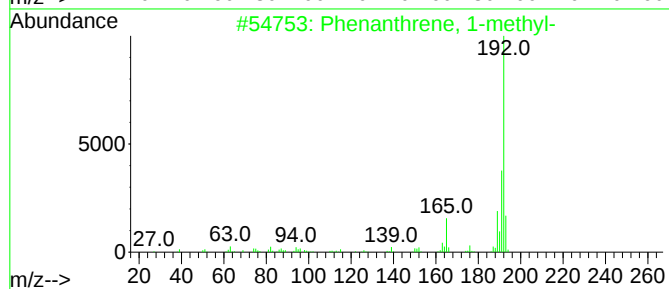
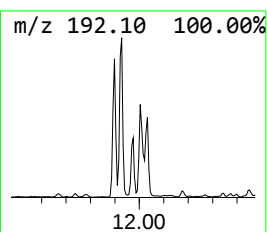
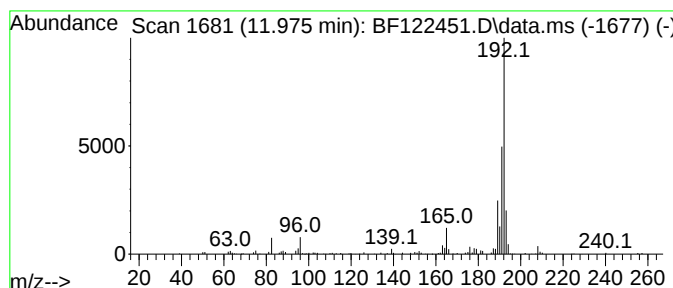
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.16 ng	223361	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

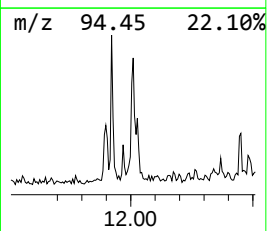
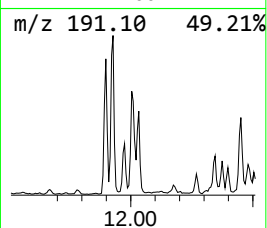
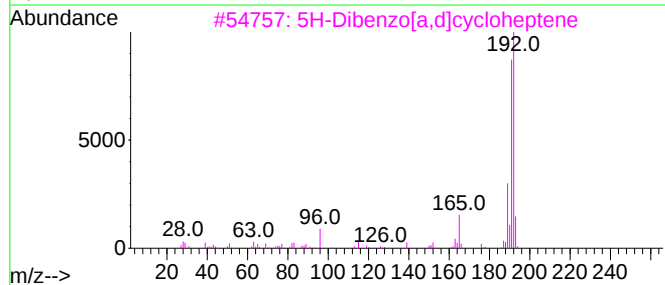
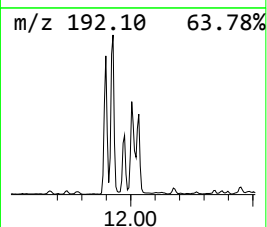
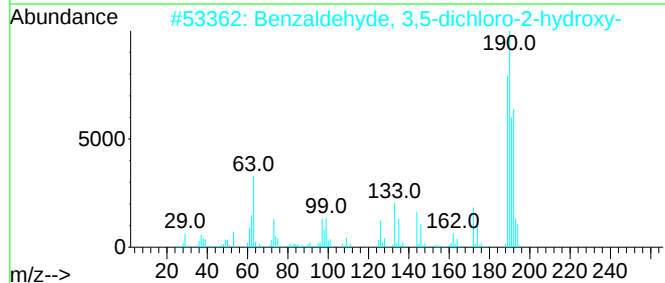
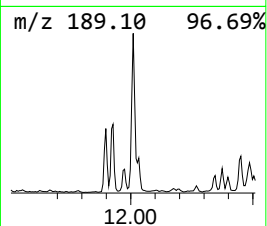
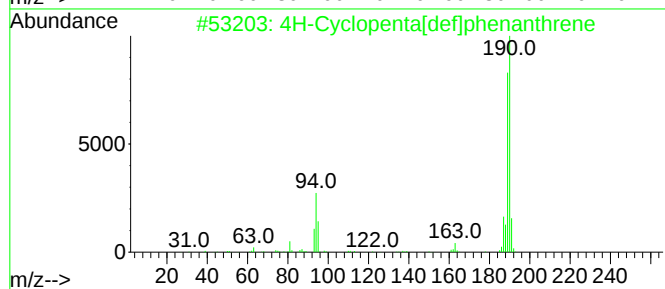
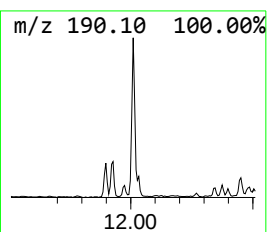
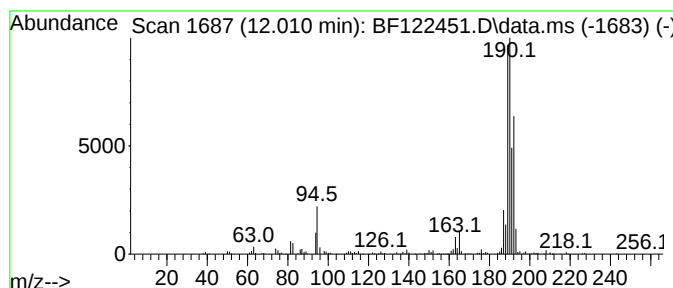
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	9.55 ng	675951	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

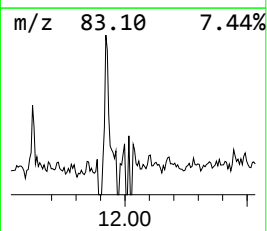
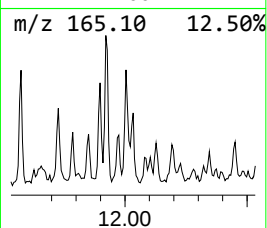
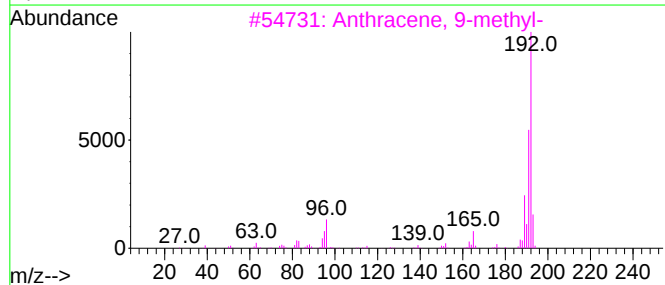
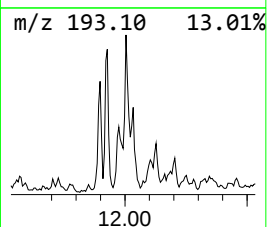
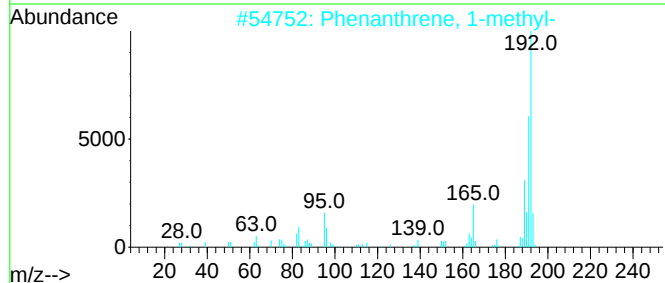
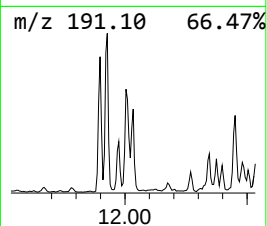
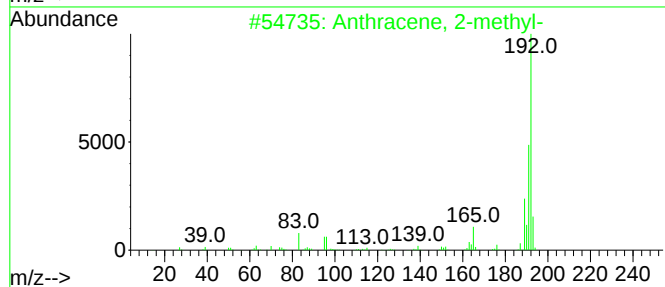
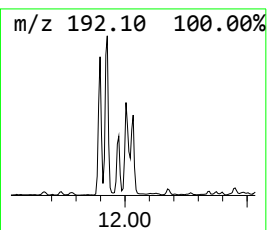
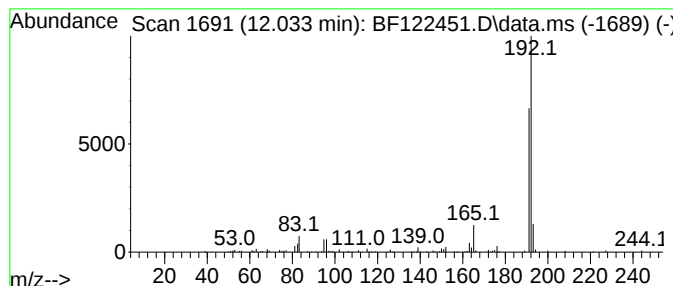
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	3.07 ng	217542	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

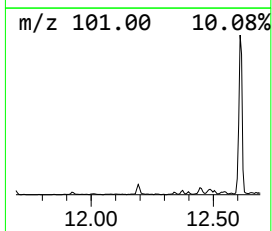
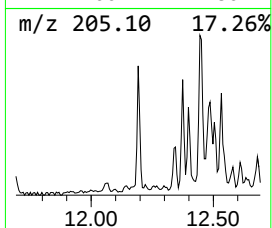
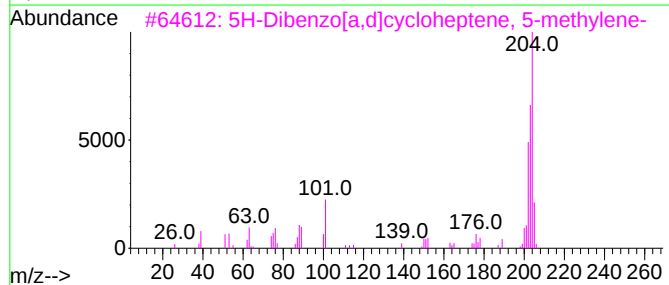
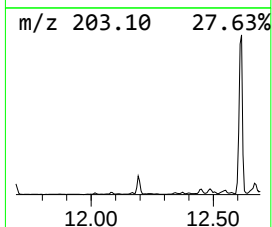
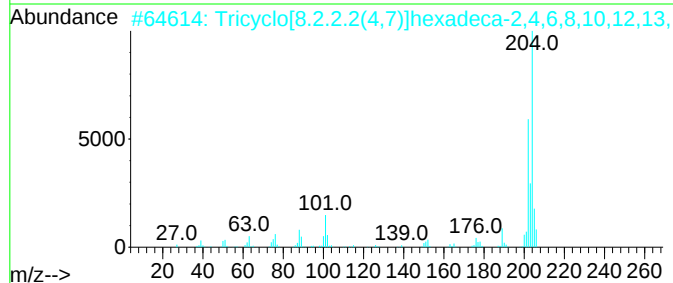
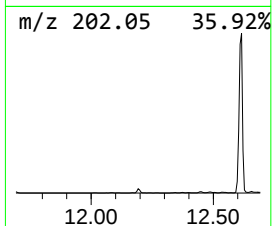
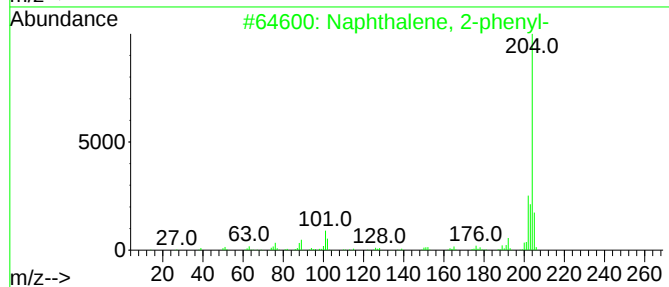
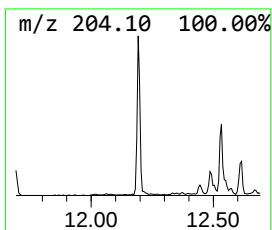
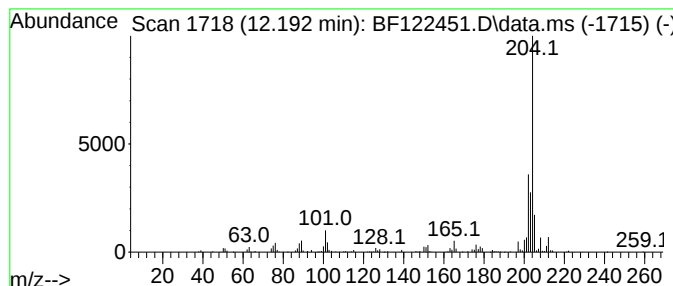
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.98 ng	281615	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	58
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

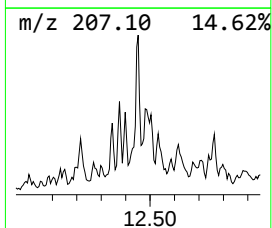
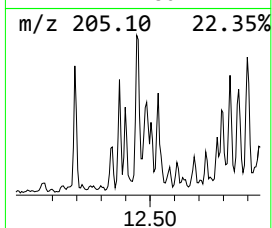
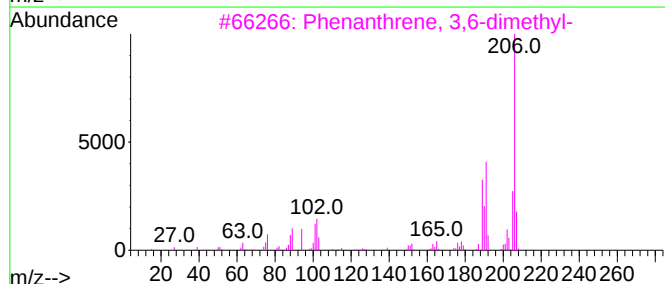
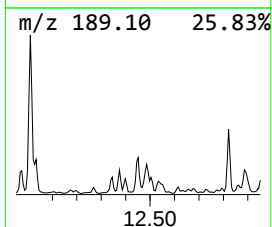
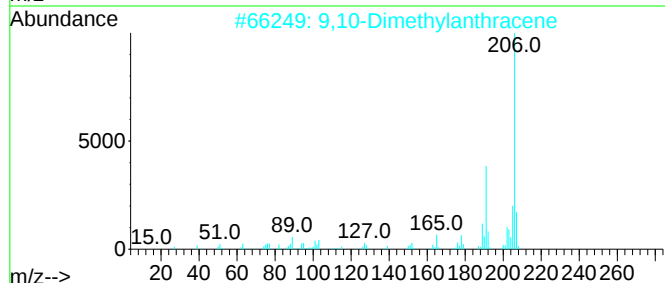
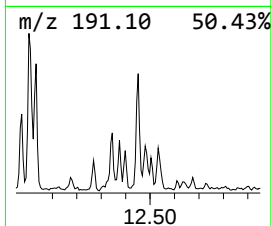
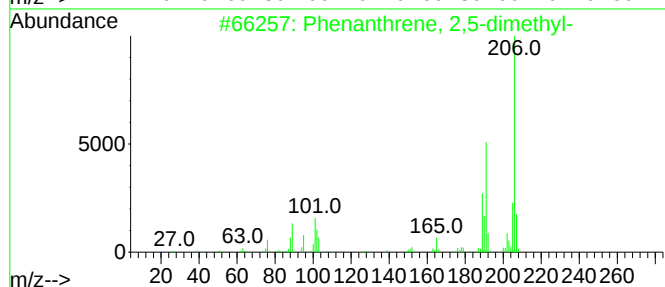
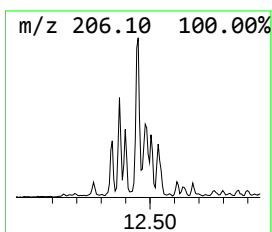
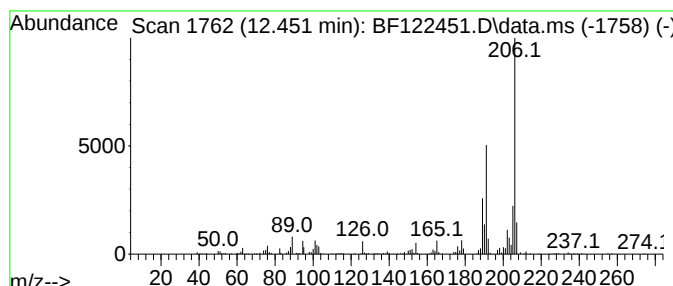
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	5.29 ng	374394	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-05

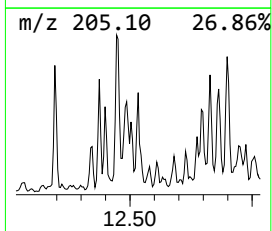
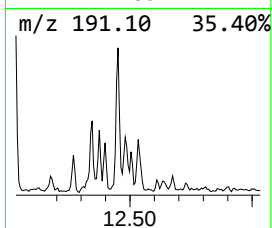
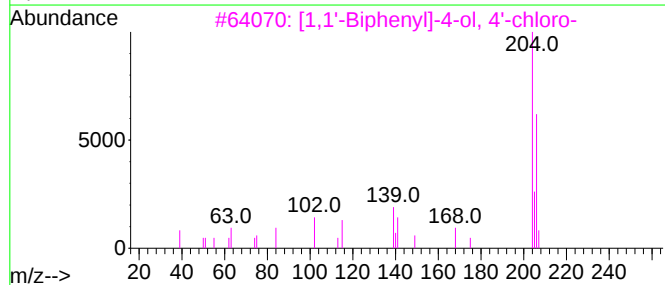
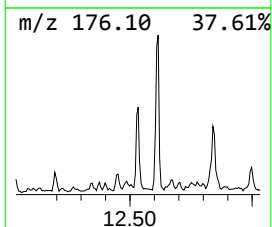
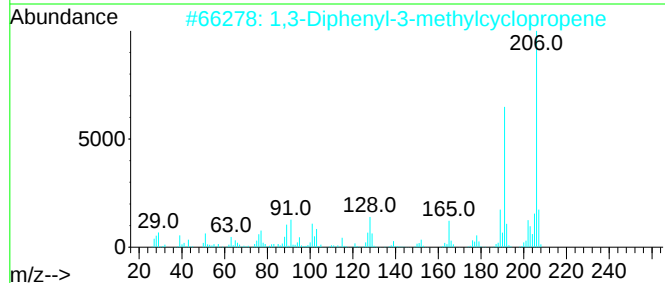
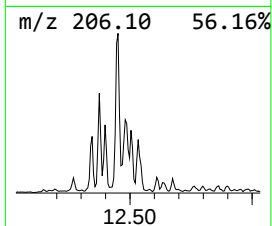
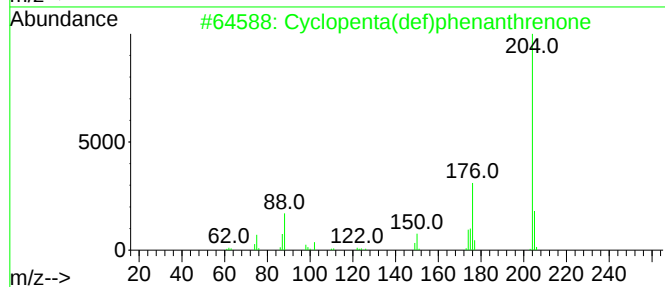
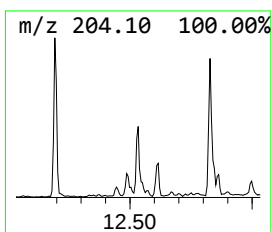
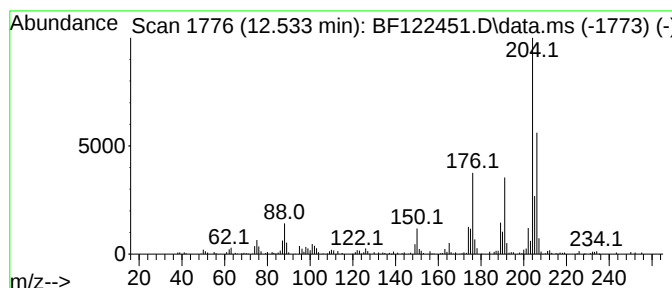
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	2.97 ng	210424	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	70
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	52
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	46
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

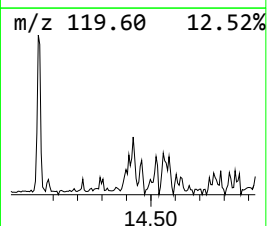
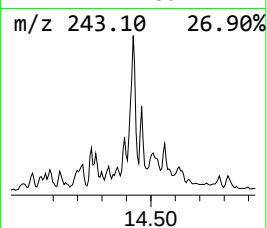
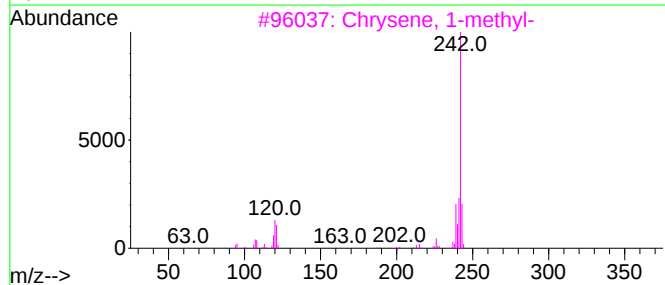
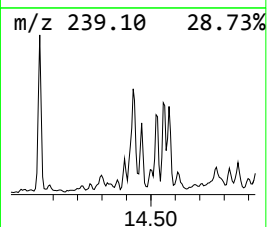
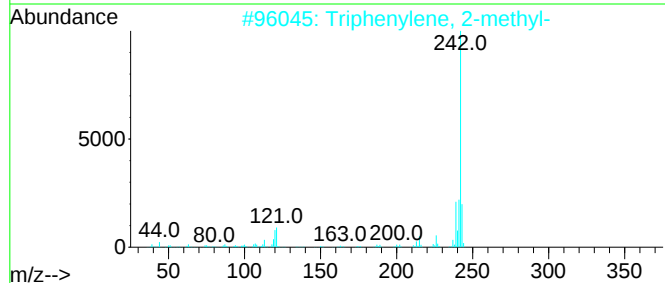
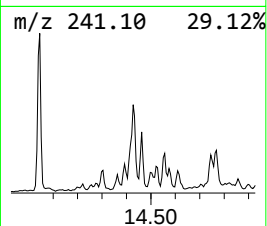
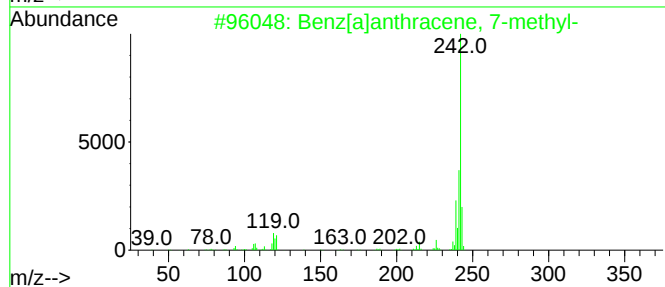
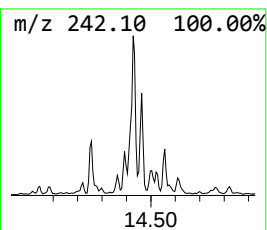
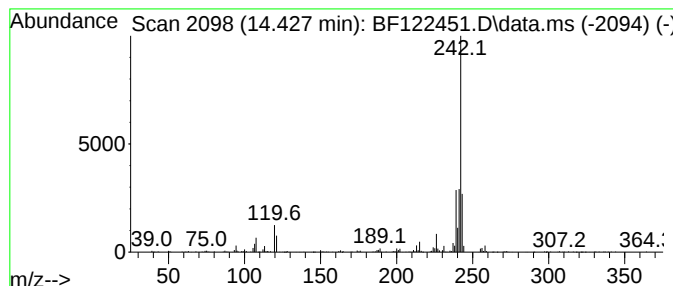
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	3.27 ng	580208	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4			Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

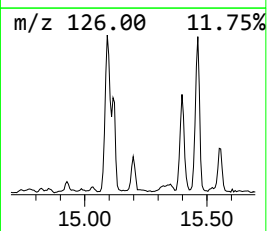
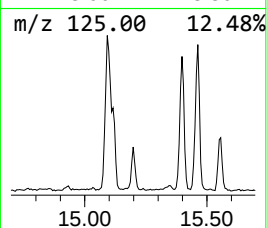
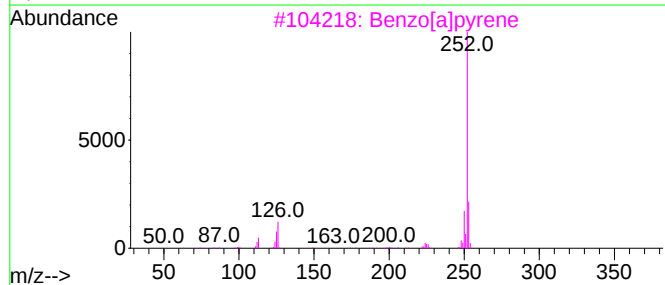
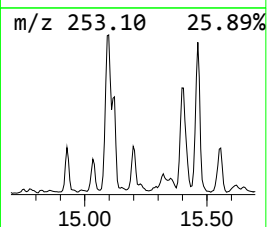
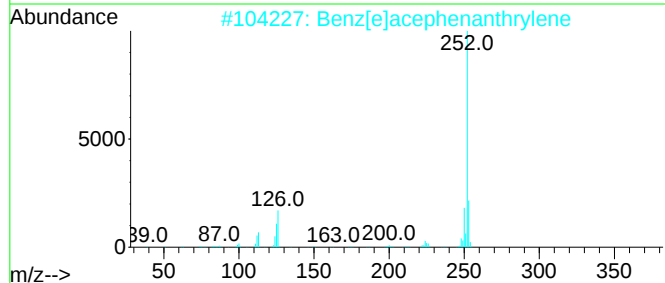
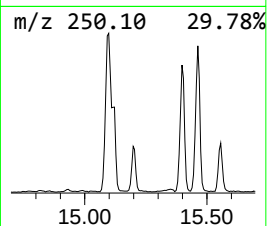
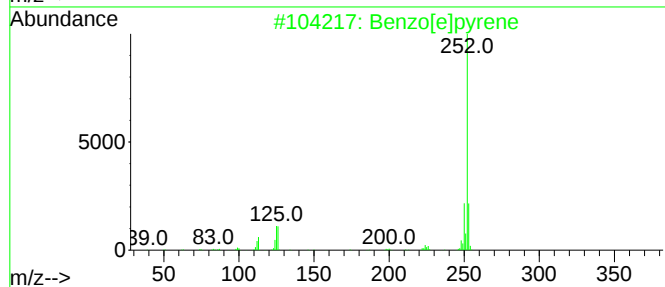
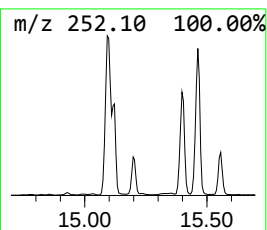
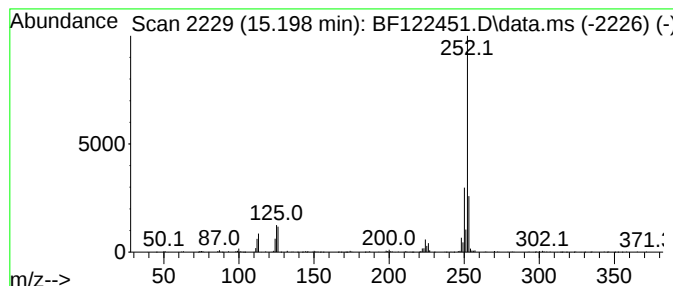
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	5.66 ng	416356	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

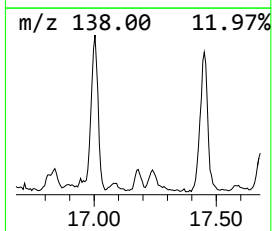
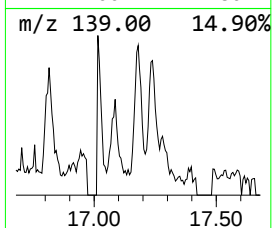
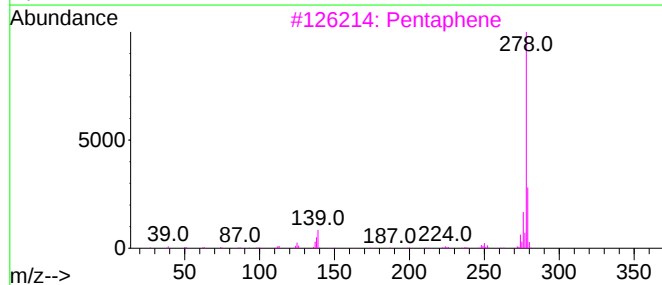
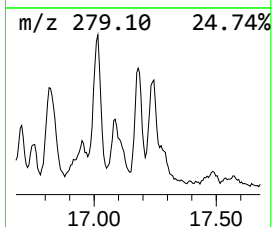
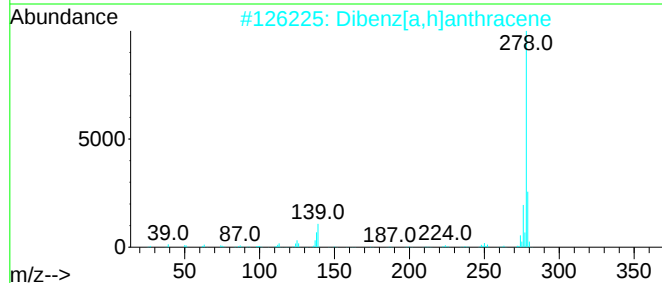
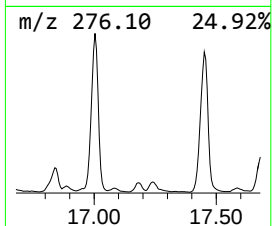
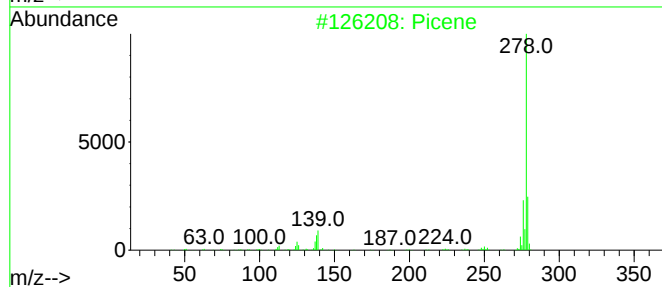
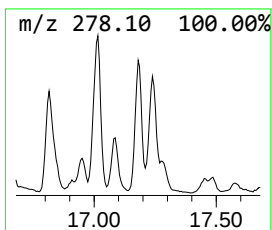
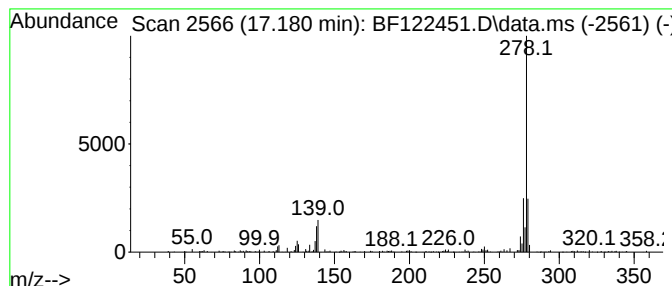
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	4.89 ng	360108	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Picene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3		Pentaphene	278	C22H14	000222-93-5	96
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	94
5		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05

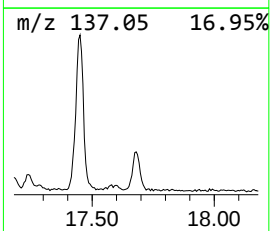
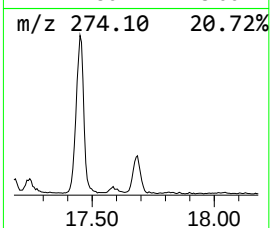
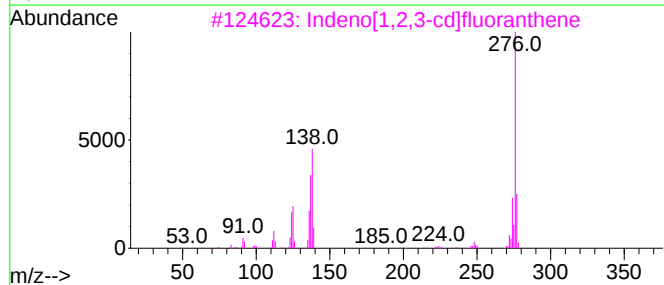
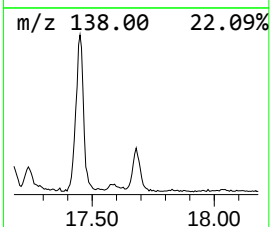
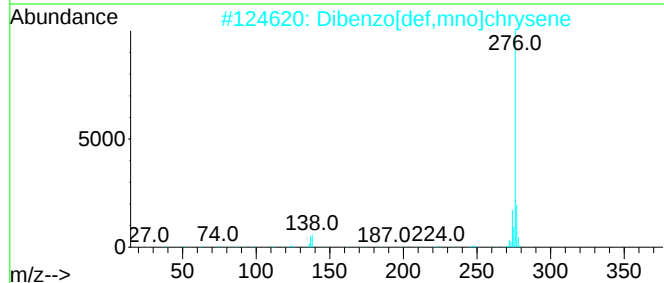
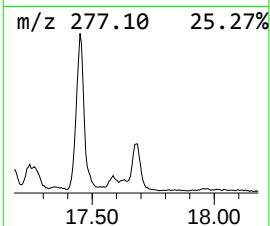
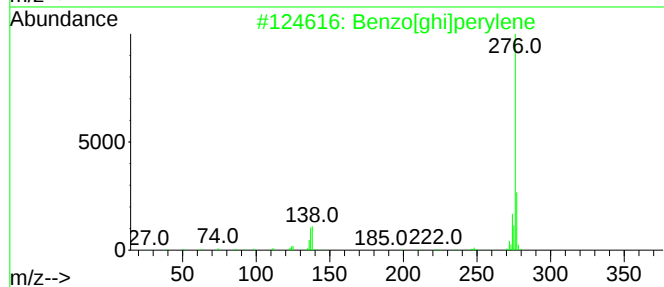
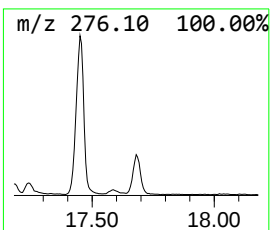
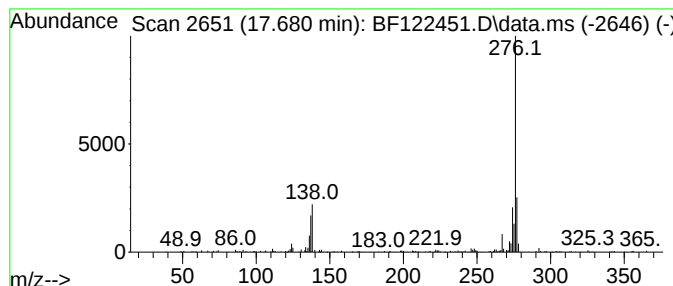
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	4.38 ng	322415	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
3			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	87
4			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	80
5			Phenol, 2-(4-chlorophenyliminome...	276	C13H9C1N2O3	1000262-90-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122451.D
 Acq On : 23 Nov 2020 17:18
 Operator : JU/CG
 Sample : L4836-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.128	10.3	ng	564229	1	6.863	1098720	20.0
2-Pentanone, 4-...	5.069	31.0	ng	1703490	1	6.863	1098720	20.0
2-Pentanone, 4-...	5.875	3.5	ng	193511	1	6.863	1098720	20.0
Benzene, 1-ethy...	6.393	2.9	ng	157778	1	6.863	1098720	20.0
Decane	6.698	10.7	ng	586390	1	6.863	1098720	20.0
5H-Indeno[1,2-b...	11.628	2.9	ng	207914	4	11.398	1415170	20.0
Phenanthrene, 2...	11.898	5.7	ng	402822	4	11.398	1415170	20.0
Phenanthrene, 1...	11.928	11.4	ng	806442	4	11.398	1415170	20.0
Anthracene, 2-m...	11.975	3.2	ng	223361	4	11.398	1415170	20.0
4H-Cyclopenta[d...	12.010	9.6	ng	675951	4	11.398	1415170	20.0
Anthracene, 9-m...	12.033	3.1	ng	217542	4	11.398	1415170	20.0
Naphthalene, 2-...	12.192	4.0	ng	281615	4	11.398	1415170	20.0
Phenanthrene, 2...	12.451	5.3	ng	374394	4	11.398	1415170	20.0
Cyclopenta(def)...	12.533	3.0	ng	210424	4	11.398	1415170	20.0
Benz[a]anthrace...	14.427	3.3	ng	580208	5	14.045	3552680	20.0
Benzo[e]pyrene	15.198	5.7	ng	416356	6	15.527	1471560	20.0
Picene	17.180	4.9	ng	360108	6	15.527	1471560	20.0
Dibenzo[def,mno...	17.680	4.4	ng	322415	6	15.527	1471560	20.0